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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/630,711

07/31/2003

Ju-yup Lee

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1609 7590 07/23/2008

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EXAMINER

TEKLE, DANIEL T

ART UNIT

PAPER NUMBER

2621

MAIL DATE

DELIVERY MODE

07/23/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/630,711

Applicant(s)

LEE, JU-YUP

Examiner

DANIEL TEKLE

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period **will** apply and **will** expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply **will**, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 April 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-17 and 19-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-17 and 19-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on April 28, 2008 has been entered.

Response to Argument

Applicant's arguments filed April 28, 2008 have been fully considered but they are not persuasive.

Applicant argues on page 7 last paragraph of the remark "Marshall does not disclose, teach or suggest when a classification of registration information is selected, registration information corresponding to the selected classification of registration information is displayed as an opaque portion, as recited in claim 1".

In response the examiner respectfully disagrees. Marshall et al. discloses a memory that can able to download a program to the system (column 2 lines 60-65) and a video signal access it from external device via the cable system to the device.

Applicant's arguments with respect to claims 1-3, 5-17 and 19-28 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 5-17 and 19-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Marshall et al. (US 5,502,504).

Regarding Claim 1: Marshall et al. disclose a method for displaying registration information pertaining to recorded programs stored on a recording medium used in a video recording/reproducing apparatus, comprising: receiving a request signal from an external access device requesting registration information pertaining to the recorded programs stored on the recording medium (**columns 2-3, lines 65-42**); providing the requested registration information pertaining to the recorded programs stored on the recording medium to a screen associated with the video **recording/reproducing apparatus (columns 2-3, lines 65-42)**; selecting a classification of registration displayed in the first area (column 3 lines 6-8); displaying the requested registration information on the screen associated with the video recording/reproducing apparatus in an area on the display, the area on the display being divided into a first and second area, wherein the first area displays classifications of registration information, and the second area displays registration information of the classification of registration information, the second area being semitransparent and overlapping a displayed video signal (**column 2 lines 35-65 and figure 6-9**) and displaying the registration information

corresponding to the selected classification of registration information as an opaque portion in the second area (Figure 5).

Marshall et al. discloses all the claimed limitation except it did not show whether the apparatus is a recording/reproducing apparatus; however the use of recording/reproduce apparatus is well know in the art and an official notice has been taken.

It would have been obvious to one ordinary skill in the art at the time of the invention was made to combined the well know art into Marshall et al. in order to record/reproduce a video signal from a recording medium.

Regarding Claim 2: Marshall et al. disclose a method according to claim 1, wherein the first area is opaque (**column 3 lines 44-49**).

Regarding Claim 3: Marshall et al. disclose a method according to claim 1, wherein the first area is semitransparent and overlaps a displayed video signal (**column 3 lines 44-49**).

Regarding Claim 5: Marshall et al. disclose a method according to claim 1, wherein the external access device is a remote control unit (**column 3 lines 6-12**).

Regarding Claim 6: Marshall et al. disclose a method according to claim 1, wherein the first area of classifications of registration information comprises one or more classifications (**columns 2-3, 65-42**).

Regarding Claim 7: Marshall et al. disclose a method according to claim 6, wherein the one or more classifications comprises: a first, second, third, fourth, fifth sixth and seventh items corresponding to the movie or animation stored in the stored on the

recording medium used in a video recording/reproducing apparatus (**columns 2-3, lines 65-42**).

Regarding Claim 8: Marshall et al. disclose a method according to claim 7, wherein the first item comprises: a title of a movie or animation stored on the recording medium used in a video recording/reproducing apparatus (**columns 2-3, lines 65-42**).

Regarding Claim 9: Marshall et al. disclose a method according to claim 7, wherein the second items comprises: chapter information stored on the recording medium used in a video recording/reproducing apparatus which corresponds to the title information of the first item (**columns 2-3, lines 65-47**).

Regarding Claim 10: Marshall et al. disclose a method according to claim 7, wherein the third item comprises: reproduction time of the recording medium used in a video recording/reproducing apparatus (**column 2 line 53-57 and figure 6-9**).

Regarding Claim 11: Marshall et al. disclose a method according to claim 7, wherein the fourth item comprises: audio data which indicates the type of audio data for the plurality of title that can be stored on the recording medium used in a video recording/reproducing apparatus (**column 2 lines 33-64**).

Regarding Claim 12: Marshall et al. disclose a method according to claim 7, wherein the fifth item comprises: caption data stored on the recording medium used in a video recording/reproducing apparatus which corresponds to the title information of the first item (**column 3 lines 44-49**).

Regarding Claim 13: Marshall et al. disclose a method according to claim 7, wherein the sixth item comprises: angle information stored on the recording medium used in a

video recording/reproducing apparatus which corresponds to the title information of the first item (**columns 2-3, lines 65-42**).

Regarding Claim 14: Marshall et al. disclose a method according to claim 7, wherein the seventh item comprises: repeat mode information stored on the recording medium used in a video recording/reproducing apparatus which corresponds to the title information of the first item and the chapter information of the second item (**column 2-3, lines 65-42**).

Regarding Claim 15-17 and 19-28: Claims 15-17 and 19-28 are rejected for the same subject matter as claims 1-3 and 5-14 respectively.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANIEL TEKLE whose telephone number is (571)270-

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1117. The examiner can normally be reached on 7:30am to 5:00pm M-R and 7:30-4:00
Every other Friday..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on 571-272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Marsha D. Banks-Harold/
Supervisory Patent Examiner, Art Unit 2621
/Daniel Tekle/
Examiner, Art Unit 2621